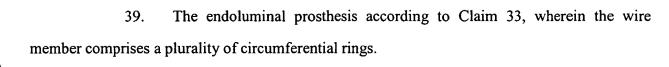


33. An endoluminal prosthesis, comprising:

a seamless tubular substrate having an abluminal surface; and

an elastically deformable and elastically recoverable wire member concentrically surrounded by a polymeric cladding, wherein the clad wire member is circumferentially disposed about the tubular substrate, the cladding being in intimate contact with and joined to the abluminal surface thereof.

- 34. The endoluminal prosthesis according to Claim 33, wherein the polymeric cladding is selected from the group consisting of polytetrafluoroethylene, polyurethane, polyethylene, polypropylene, polyamide, polyimide, polyesters, polypropylene, polyethylene, polyfluoroethylenes, silicone, fluorinated polyolefins, fluorinated ethylene/propylene copolymer, perfluoroalkoxy fluorocarbon, ethylene/tetrafluoroethylene copolymer, and polyvinylpyrrolidone.
- 35. The endoluminal prosthesis according to Claim 33, wherein the wire member comprises a material selected from the group consisting of shape memory alloys, biocompatible spring steels, biocompatible spring metal alloys, and carbon fibers.
- 36. The endoluminal prosthesis according to Claim 35, wherein the shape memory alloys further comprise nickel-titanium alloys.
- 37. The endoluminal prosthesis according to Claim 35, wherein the wire member further comprises a shape memory alloy with a pre-programmed austenite dimensional state, which has substantially the same diametric dimension as the tubular substrate.
- 38. The endoluminal prosthesis according to Claim 33, wherein the substrate comprises a biocompatible material selected from the group consisting of expanded polytetrafluoroethylene, polyethylene, polyethylene terepthalate, polyurethane, and collagen.



40. The endoluminal prosthesis according to Claim 33, further comprising a second seamless tubular substrate, circumferentially disposed about the cladding and the abluminal surface of the seamless tubular substrate.